

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### **Major Class Load Factors for the Year Ended March 31, 2002**

<u>Line</u>	<u>Rate Class</u>	<u>Energy Requirement (MWh) (1)</u>	<u>Demand at System Peak (MW) (2)</u>	<u>Load Factor Based on Four-Hour Average Coincident Demand on System Peak Day (3)</u>
1	Residential	6,778,919	1,666	46.44%
2	Small General Service	3,081,301	763	46.12%
3	Medium General Service	2,476,092	443	63.77%
4	Large General Service	8,043,592	1,075	85.43%
5	Street Lighting	<u>240,007</u>	<u>-</u>	N/M
6	Total Retail	20,619,912	3,947	59.63%

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### **Major Class Sales by Voltage Level for the Year Ended March 31, 2002**

<u>Line</u>	<u>Rate Class</u>	<u>Total Retail (1)</u>	<u>Secondary (2)</u>	<u>Primary (3)</u>	<u>Subtrans- mission (4)</u>	<u>Trans mission (5)</u>
1	Residential	100.0%	100.0%	0.0%	0.0%	0.0%
2	Small General Service	100.0%	99.3%	0.6%	0.1%	0.1%
3	Medium General Service	100.0%	97.7%	2.1%	0.0%	0.2%
4	Large General Service	100.0%	2.8%	21.9%	9.8%	65.5%
5	Street Lighting	100.0%	100.0%	0.0%	0.0%	0.0%
6	Total Retail	100.0%	61.0%	9.0%	3.9%	26.1%

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Megawatthour Sales, Number of Customers and Kilowatthour Sales per Customer for the Year Ended March 31, 2002

<u>Line</u>	<u>Rate Class</u>	<u>Energy Sales (MWh) (1)</u>	<u>Number of Customers (2)</u>	<u>Kilowatthour Sales per Customer (3)</u>
1	Residential	6,413,754	464,452	13,809
2	Small General Service	2,915,630	77,123	37,805
3	Medium General Service	2,343,309	2,474	947,174
4	Large General Service	7,853,794	320	24,543,106
5	Street Lighting	<u>227,079</u>	<u>82,452</u>	2,754
6	Total Retail	19,753,565	626,821	31,514

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Rate Base Expressed on a per Kilowatthour Sold Basis for the Year Ended March 31, 2002

<u>Line</u>	<u>Rate Class</u>	<u>Rate Base (000) (1)</u>	<u>Energy Sales (MWh) (2)</u>	<u>Rate Base Expressed on a per kWh Basis (3)</u>
1	Residential	\$ 1,457,676	6,413,754	22.73 ¢
2	Small General Service	686,319	2,915,631	23.54
3	Medium General Service	353,178	2,343,309	15.07
4	Large General Service	672,714	7,853,794	8.57
5	Street Lighting	<u>88,065</u>	<u>227,079</u>	38.78
6	Total Retail	\$ 3,257,952	19,753,567	16.49 ¢

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Operating Expenses Expressed on a per Kilowatthour Sold Basis for the Year Ended March 31, 2002

<u>Line</u>	<u>Rate Class</u>	Operating Expenses (000) (1)	Energy Sales (MWh) (2)	Expenses Expressed on a per kWh Basis (3)
1	Residential	\$ 420,629	6,413,754	6.56 ¢
2	Small General Service	182,202	2,915,631	6.25
3	Medium General Service	108,221	2,343,309	4.62
4	Large General Service	242,658	7,853,794	3.09
5	Street Lighting	<u>21,714</u>	<u>227,079</u>	9.56
6	Total Retail	\$ 975,424	19,753,567	4.94 ¢

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Territorial Load Factor and Load Pattern 1997 - 2001

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<u>Line</u>	<u>Year</u>	Annual Load Factor (1)	Ratio of Average Monthly Peak to Annual Peak (2)	Ratio of Summer to Winter Peak (3)	Difference between Summer and Winter Peaks (MW) (4)
1	1997	56.01%	83.17%	119.45%	608
2	1998	56.85%	83.39%	120.82%	678
3	1999	55.47%	82.89%	109.65%	366
4	2000	58.36%	86.82%	107.97%	311
5	2001	56.70%	83.39%	102.84%	116

## **SOUTH CAROLINA ELECTRIC & GAS COMPANY**

### **Monthly Peak Demands as a Percent of Annual System Peak 1997 - 2001**

<u>Line</u>	<u>Month</u>	<u>1997</u> (1)	<u>1998</u> (2)	<u>1999</u> (3)	<u>2000</u> (4)	<u>2001</u> (5)
1	January	83.4%	77.3%	91.2%	91.3%	97.2%
2	February	79.3%	75.8%	78.3%	89.3%	76.6%
3	March	65.9%	82.8%	72.4%	67.4%	76.8%
4	April	64.2%	61.3%	71.7%	62.7%	76.3%
5	May	78.7%	90.3%	76.5%	93.8%	83.8%
6	June	94.1%	98.1%	89.1%	93.2%	91.2%
7	July	99.0%	100.0%	98.5%	100.0%	96.4%
8	August	100.0%	97.8%	100.0%	97.9%	100.0%
9	September	91.2%	90.4%	92.1%	90.1%	88.9%
10	October	78.7%	84.5%	70.3%	80.2%	73.1%
11	November	79.8%	63.8%	72.1%	83.5%	67.5%
12	December	83.7%	78.6%	82.5%	92.6%	72.9%

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Summary of SCE&G Proposed Rate Increase by Customer Classes

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<u>Line</u>	<u>Rate Class</u>	<u>Current Revenue (000) (1)</u>	<u>SCE&amp;G Proposed Revenue (000) (2)</u>	<u>SCE&amp;G Net Proposed Increase Amount (000) (3)</u>	<u>Percent (4)</u>
1	Residential	\$ 527,821	\$ 565,111	\$ 37,290	7.06%
2	Small General Service	227,872	259,352	31,480	13.81%
3	Medium General Service	135,880	152,098	16,218	11.94%
4	Large General Service	281,750	296,920	15,169	5.38%
5	Street Lighting	<u>28,561</u>	<u>32,223</u>	<u>3,662</u>	12.82%
6	Total Retail	\$ 1,201,884	\$ 1,305,703	\$ 103,819	8.64%
7	Other Revenues	<u>1,345</u>	<u>2,242</u>	<u>897</u>	66.67%
8	Total	\$ 1,203,229	\$ 1,307,945	\$ 104,716	8.70%

Source: Staff Information Data Request No. 1, Answer No. 29



## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Summary of SCE&G Proposed Rate Increase by Customer Classes

<u>Line</u>	<u>Rate Class</u>	Current Revenue (000) (1)	SCE&G <u>Proposed Increase</u>		Fuel Reduction ** (000) (4)	SCE&G Net <u>Proposed Increase</u>	
			Amount * (000) (2)	Percent (3)		Amount (000) (5)	Percent (6)
1	Residential	\$ 527,821	\$ 40,744	7.63%	\$ 2,822	\$ 37,922	7.18%
2	Small General Service	227,872	33,029	14.31%	1,283	31,746	13.93%
3	Medium General Service	135,880	17,250	12.72%	1,033	16,217	11.94%
4	Large General Service	281,750	18,014	6.01%	2,845	15,169	5.38%
5	Street Lighting	<u>28,561</u>	<u>3,758</u>	13.29%	<u>96</u>	<u>3,662</u>	12.82%
6	Total Retail	\$ 1,201,884	\$ 112,795	9.18%	\$ 8,079	\$ 104,716	8.71%

\* Source: Cost of Service Studies

\*\* Source: SCE&G Calculation of the Retail Portion of Urquhart Gas Fixed Transportation

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Rates of Return, Indexes and Revenue Subsidies under Present and Company Proposed Rates 12 Months Ended March 31, 2002

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<u>Line</u>	<u>Rate Class</u>	<u>Present Rates</u>			<u>Proposed Rates</u>		
		<u>Rate of Return</u> (1)	<u>Index</u> (2)	<u>Subsidy (000)</u> (3)	<u>Rate of Return</u> (4)	<u>Index</u> (5)	<u>Subsidy (000)</u> (6)
1	Residential	7.77%	100	\$ (187)	9.50%	96	\$ (10,091)
2	Small General Service	7.12%	91	(7,412)	10.13%	102	2,267
3	Medium General Service	7.82%	100	198	10.87%	109	5,407
4	Large General Service	8.50%	109	7,810	10.12%	102	2,081
5	Street Lighting	7.50%	96	<u>(408)</u>	10.17%	102	<u>336</u>
6	Total	7.78%	100	\$ (0)	9.93%	100	\$ 0

Note: A negative number indicates the amount of subsidy a class is receiving.  
A positive number indicates the amount of subsidy a class is providing.

## SOUTH CAROLINA ELECTRIC & GAS COMPANY

### Distribution of Requested Rate Increases to Classes of Service to Eliminate Subsidies and Equalize Rates of Return 12 Months Ended March 31, 2002

Line	Rate Class	Current Revenue	Required Increase to <u>Eliminate Subsidies</u>		Fuel Reduction	Net Required Increase to <u>Eliminate Subsidies</u>	
		(000) (1)	(000) (2)	Percent (3)	(000) (4)	(000) (5)	Percent (6)
1	Residential	\$ 527,821	\$ 50,835	9.63%	\$ 2,822	\$ 48,013	9.10%
2	Small General Service	227,872	30,762	13.50%	1,283	29,478	12.94%
3	Medium General Service	135,880	11,843	8.72%	1,033	10,811	7.96%
4	Large General Service	281,750	15,933	5.65%	2,845	13,088	4.65%
5	Street Lighting	<u>28,561</u>	<u>3,422</u>	11.98%	<u>96</u>	<u>3,326</u>	11.65%
6	Total Retail	\$ 1,201,884	\$ 112,795	9.38%	\$ 8,079	\$ 104,716	8.71%